

**CLAIMS****What is claimed is:**

[C1] 1. A medical tack comprising:  
a shaft having a point end and a base end;  
an attachment point formed near said point end;  
an attachment point formed near said base end; and  
means for varying a position of one of said attachment points.

[C2] 2. The medical tack according to claim 1, wherein said means for  
varying said position is a nut.

[C3] 3. The medical tack according to claim 1, wherein said means for  
varying said position is an elastomer.

[C4] 4. The medical tack according to claim 1, wherein said means for  
varying said position is a spring.

[C5] 5. The medical tack according to claim 4, further comprising a  
flange near said base end for seating said spring.

[C6] 6. The medical tack according to claim 5, wherein said spring is a  
coil spring formed around said shaft.

[C7] 7. The medical tack according to claim 4, wherein said spring is a  
dome spring.

[C8] 8. The medical tack according to claim 4, wherein said spring is a leaf spring.

[C9] 9. The medical tack according to claim 4, wherein said spring is a plurality of leaf springs of varying length.

[C10] 10. The medical tack according to claim 6, further comprising a washer adjacent to said spring.

[C11] 11. A retinal tack for attaching a retinal device comprising:  
a shaft having a point end and a base end;  
an attachment point formed near said point end;  
an attachment point formed near said base end; and  
means for varying a position of one of said attachment points.

[C12] 12. The retinal tack according to claim 11, wherein said means for  
varying said attachment point is a nut.

[C13] 13. The retinal tack according to claim 11, wherein said means for  
varying said attachment point is a spring.

[C14] 14. The retinal tack according to claim 11, wherein said shaft is  
sized such that said tack will pierce said retinal device, a retina and a sclera  
such that said attachment point formed near said point end abuts a back  
side of the sclera and tends to prevent the tack from being withdrawn.

[C15] 15. The retinal tack according to claim 13, further comprising a  
flange near said base end for seating said spring.

[C16] 16. The retinal tack according to claim 13, wherein said spring is a  
coil spring formed around said shaft.

[C17] 17. The retinal tack according to claim 13, wherein said spring is a  
dome spring.

[C18] 18. The retinal tack according to claim 13, wherein said spring is a  
leaf spring.

[C19] 19. The retinal tack according to claim 13, wherein said spring is a plurality of leaf springs of varying length.

[C20] 20. The retinal tack according to claim 16, further comprising a washer adjacent to said spring.

[C21] 21. The retinal tack according to claim 13, wherein said spring exerts less than  $0.2 \text{ g/mm}^2$  across the surface of a retinal device.

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[C22] 22. A retinal tack for attaching a retinal device comprising:  
a shaft having a point end and a base end;  
a barb formed near said point end;  
a flange formed near said base end;  
a coil spring, having one end affixed to said flange and circling around said shaft; and  
a washer affixed to an end or said spring, opposite to said one end, wherein said shaft is sized such that said tack will pierce said retinal device, a retina and a sclera such that said barb abuts a back side of the sclera and tends to prevent the tack from being withdrawn, and said washer abuts said retinal device exerting less than  $0.2 \text{ g/mm}^2$  across the surface of a retinal device.

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